Fig. 1

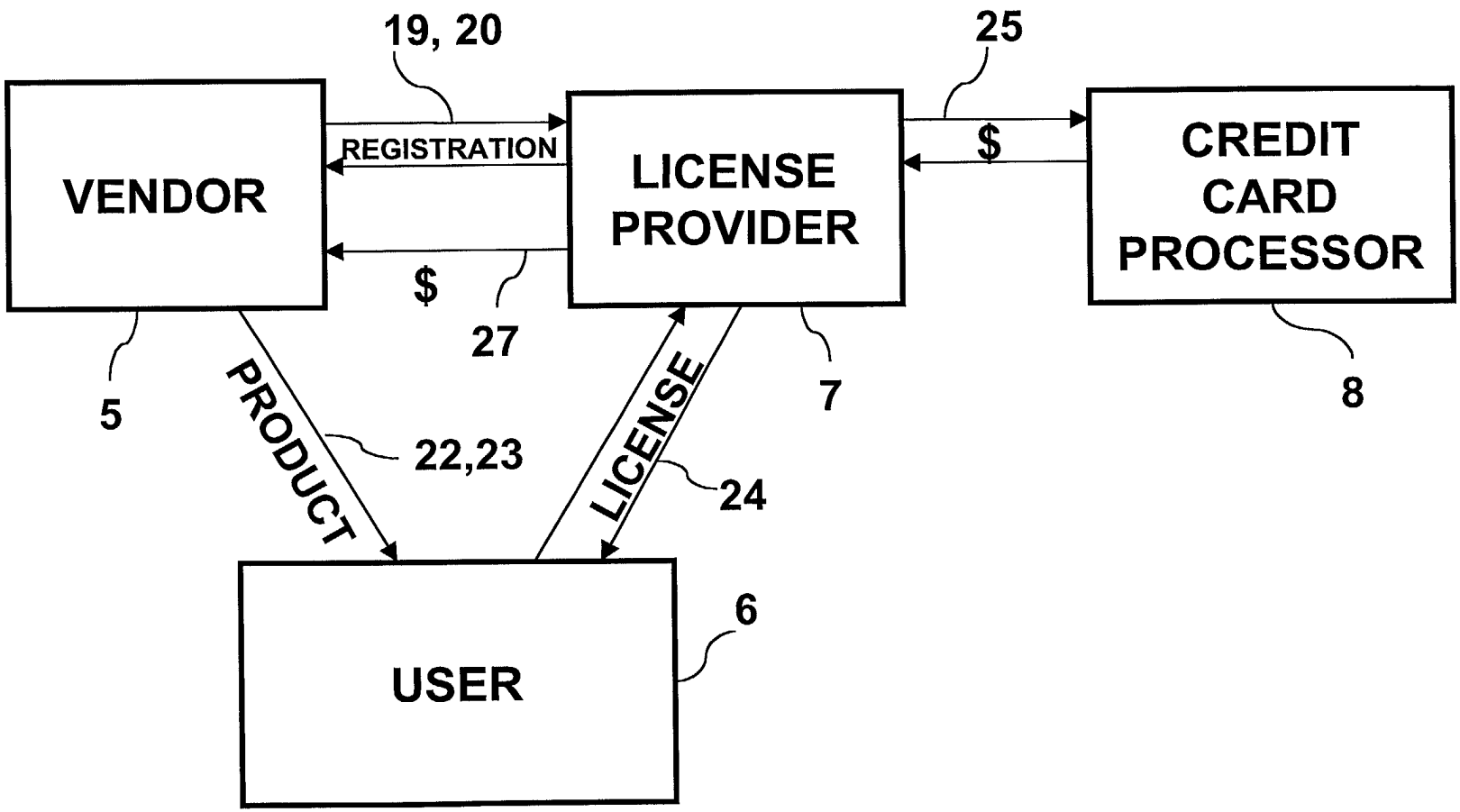
19, 20
25
VENDOR
REGISTRATION
LICENSE PROVIDER
$
CREDIT CARD PROCESSOR
$
27
5
PRODUCT
22,23
LICENSE
24
7
8
6
USER

Fig. 2

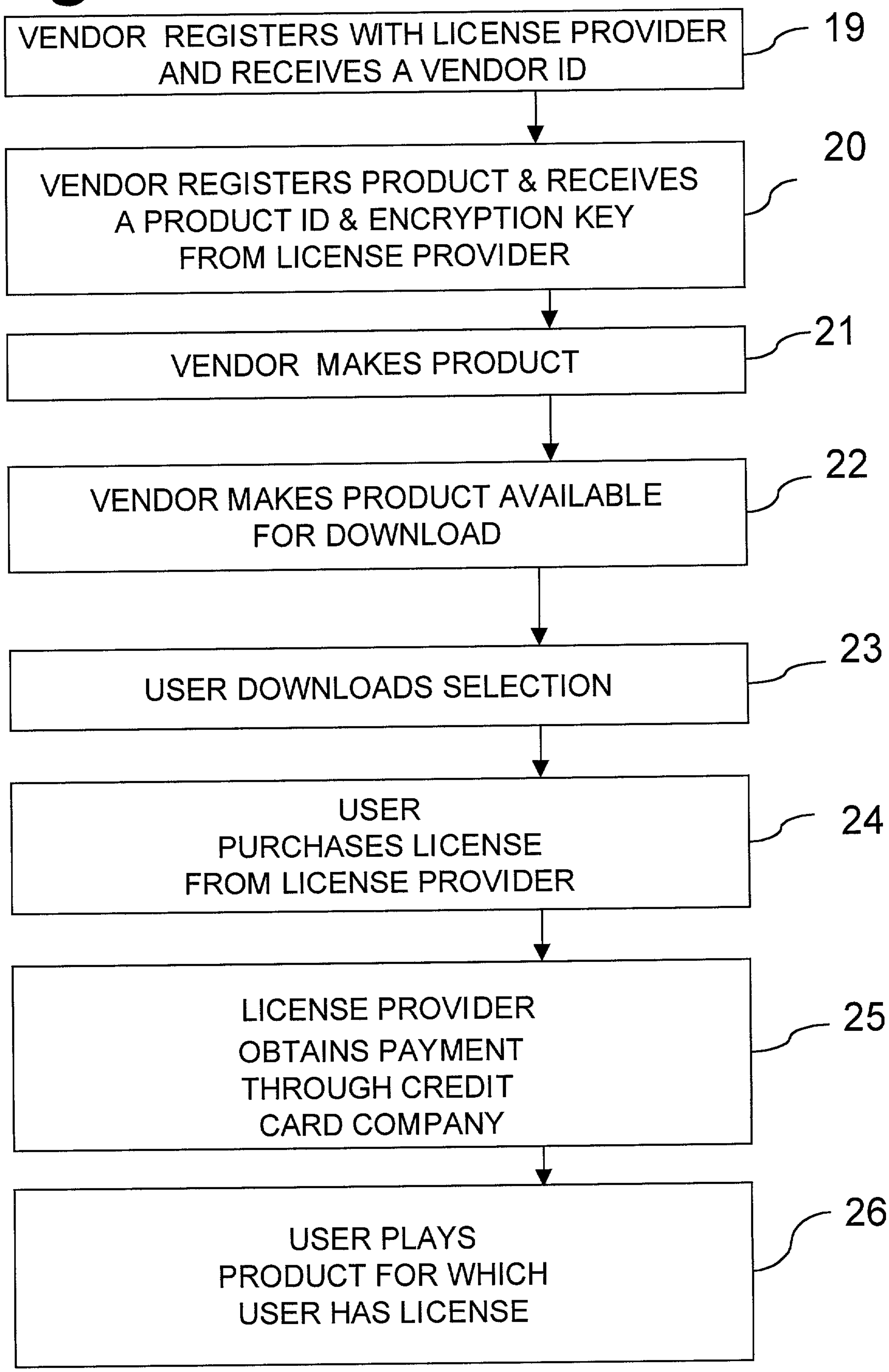
VENDOR REGISTERS WITH LICENSE PROVIDER AND RECEIVES A VENDOR ID
19
VENDOR REGISTERS PRODUCT & RECEIVES A PRODUCT ID & ENCRYPTION KEY FROM LICENSE PROVIDER
20
VENDOR MAKES PRODUCT
21
VENDOR MAKES PRODUCT AVAILABLE FOR DOWNLOAD
22
USER DOWNLOADS SELECTION
23
USER PURCHASES LICENSE FROM LICENSE PROVIDER
24
LICENSE PROVIDER OBTAINS PAYMENT THROUGH CREDIT CARD COMPANY
25
USER PLAYS PRODUCT FOR WHICH USER HAS LICENSE
26

Fig. 3

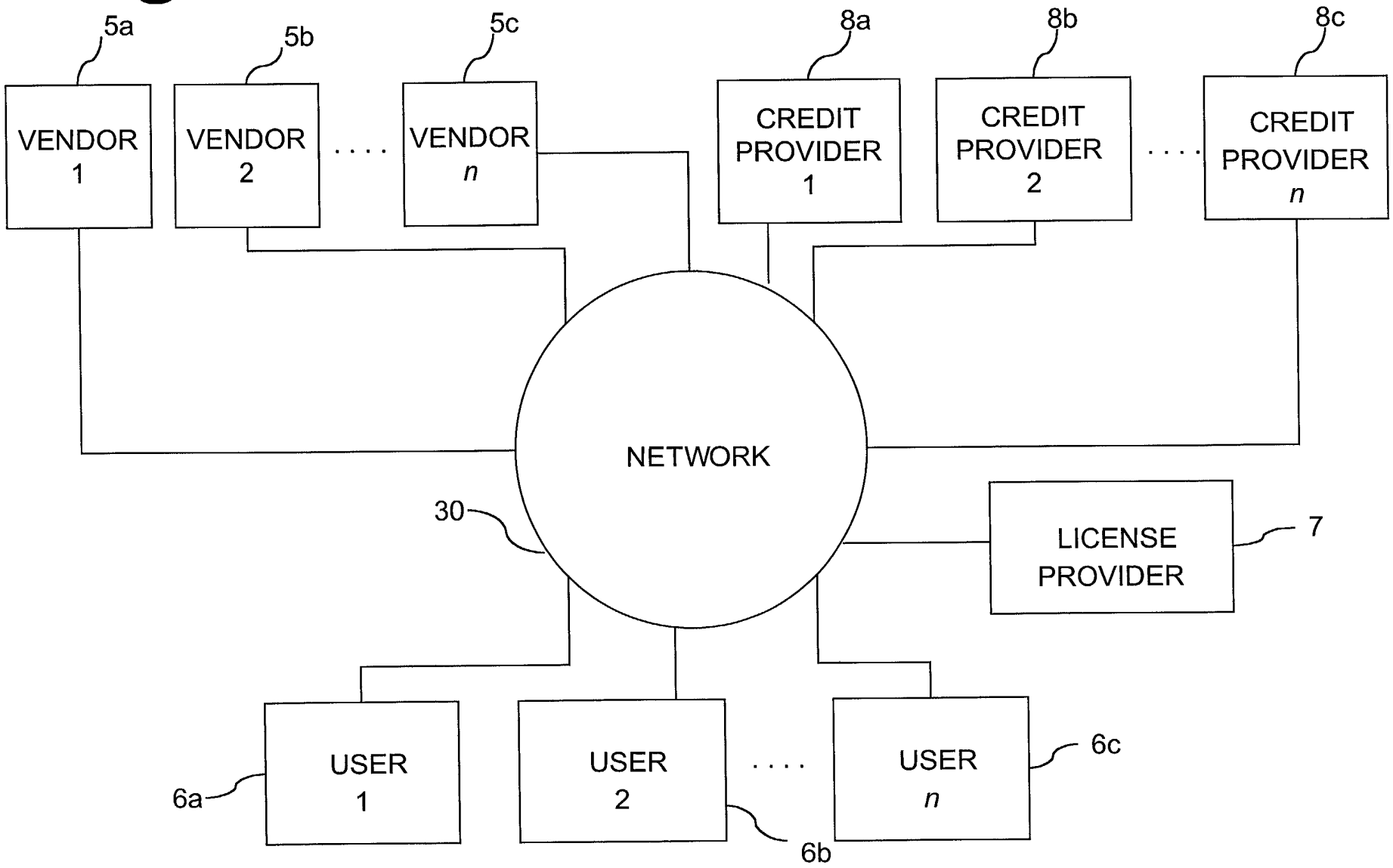
5a
5b
5c
8a
8b
8c
VENDOR 1
VENDOR 2
VENDOR n
CREDIT PROVIDER 1
CREDIT PROVIDER 2
CREDIT PROVIDER n
NETWORK
30
LICENSE PROVIDER
7
USER 1
USER 2
USER n
6a
6b
6c

FIG. 4

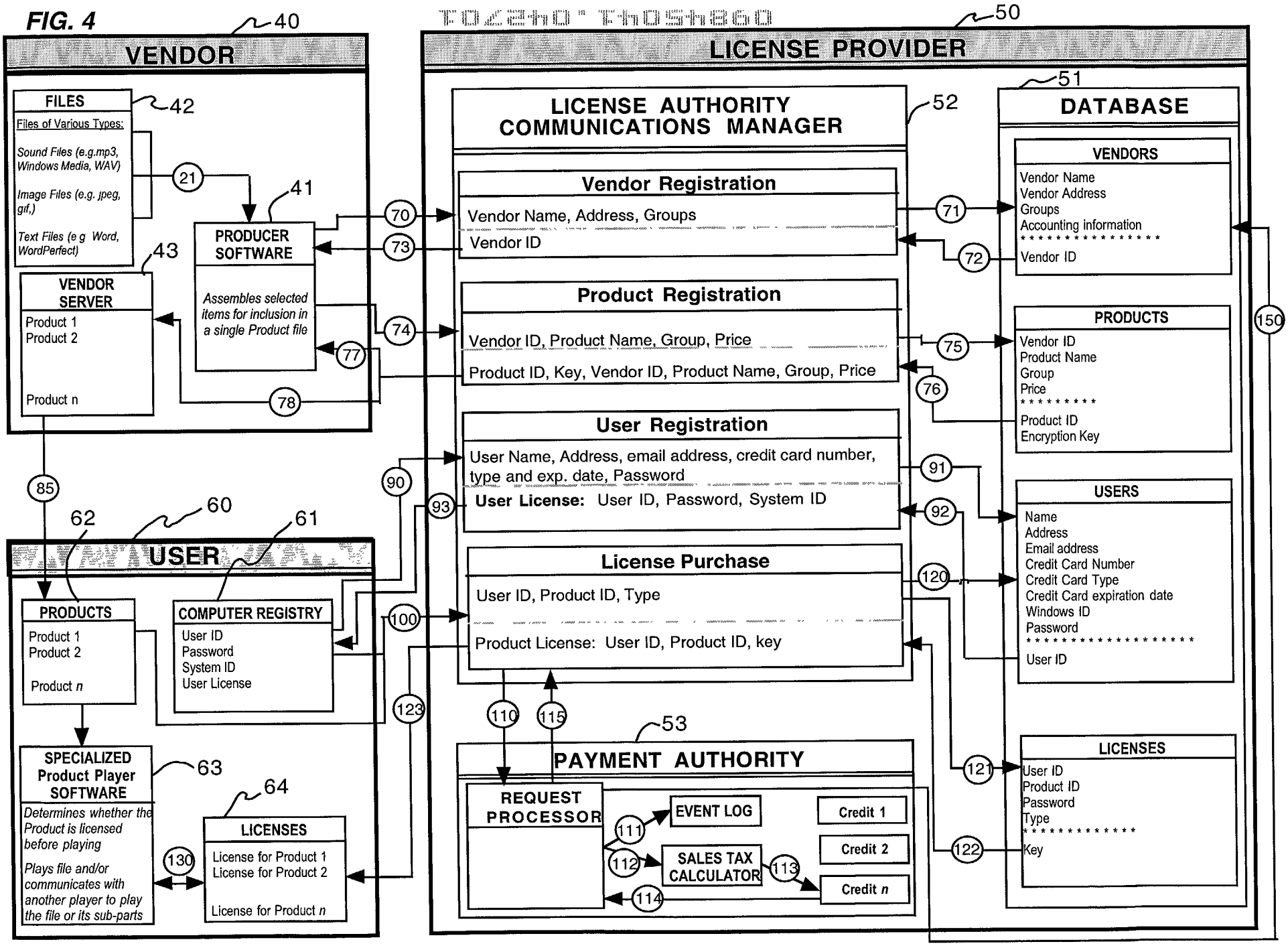
VENDOR
40
FILES
42
Files of Various Types:
Sound Files (e.g.mp3, Windows Media, WAV)
Image Files (e.g. jpeg, gif,)
Text Files (e g Word, WordPerfect)
21
41
PRODUCER SOFTWARE
Assembles selected items for inclusion in a single Product file
43
VENDOR SERVER
Product 1
Product 2
Product n
77
78
85
LICENSE PROVIDER
50
LICENSE AUTHORITY COMMUNICATIONS MANAGER
52
Vendor Registration
Vendor Name, Address, Groups
Vendor ID
70
73
Product Registration
Vendor ID, Product Name, Group, Price
Product ID, Key, Vendor ID, Product Name, Group, Price
74
User Registration
User Name, Address, email address, credit card number, type and exp. date, Password
User License: User ID, Password, System ID
90
93
License Purchase
User ID, Product ID, Type
Product License: User ID, Product ID, key
100
123
110
115
53
PAYMENT AUTHORITY
REQUEST PROCESSOR
EVENT LOG
111
SALES TAX CALCULATOR
112
113
114
Credit 1
Credit 2
Credit n
DATABASE
51
VENDORS
Vendor Name
Vendor Address
Groups
Accounting information
Vendor ID
71
72
PRODUCTS
Vendor ID
Product Name
Group
Price
Product ID
Encryption Key
75
76
USERS
Name
Address
Email address
Credit Card Number
Credit Card Type
Credit Card expiration date
Windows ID
Password
User ID
91
92
120
LICENSES
User ID
Product ID
Password
Type
Key
121
122
150
USER
60
61
62
PRODUCTS
Product 1
Product 2
Product n
COMPUTER REGISTRY
User ID
Password
System ID
User License
SPECIALIZED Product Player SOFTWARE
63
Determines whether the Product is licensed before playing
Plays file and/or communicates with another player to play the file or its sub-parts
64
LICENSES
License for Product 1
License for Product 2
License for Product n
130

Fig. 5

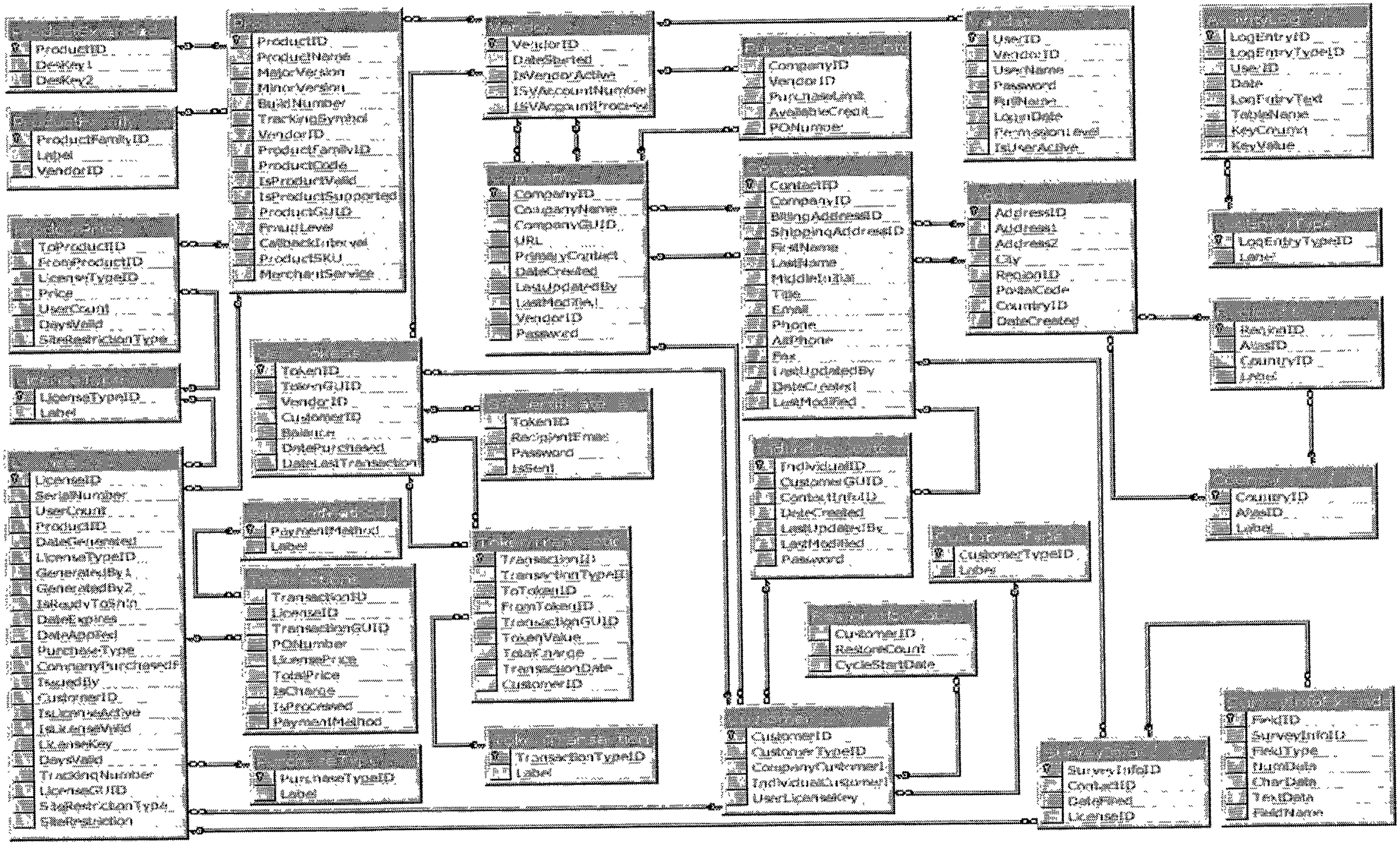
ProductID
DesKey1
DesKey2
ProductFamilyID
Label
VendorID
ToProductID
FromProductID
LicenseTypeID
Price
UserCount
DaysValid
SiteRestrictionType
LicenseTypeID
Label
LicenseID
SerialNumber
UserCount
ProductID
DateGenerated
LicenseTypeID
GeneratedBy1
GeneratedBy2
IsReadyToShip
DateExpires
DateApplied
PurchaseType
CompanyPurchasedF
IssuedBy
CustomerID
IsLicenseActive
IsLicenseValid
LicenseKey
DaysValid
TrackingNumber
LicenseGUID
SiteRestrictionType
SiteRestriction
ProductID
ProductName
MajorVersion
MinorVersion
BuildNumber
TrackingSymbol
VendorID
ProductFamilyID
ProductCode
IsProductValid
IsProductSupported
ProductGUID
FraudLevel
CallbackInterval
ProductSKU
MerchantService
TokenID
TokenGUID
VendorID
CustomerID
Balance
DatePurchased
DateLastTransaction
PaymentMethod
Label
TransactionID
LicenseID
TransactionGUID
PONumber
LicensePrice
TotalPrice
IsCharge
IsProcessed
PaymentMethod
PurchaseTypeID
Label
VendorID
DateStarted
IsVendorActive
ISVAccountNumber
ISVAccountProcessor
CompanyID
CompanyName
CompanyGUID
URL
PrimaryContact
DateCreated
LastUpdatedBy
LastModified
VendorID
Password
TokenID
RecipientEmail
Password
IsSent
TransactionID
TransactionTypeID
ToTokenID
FromTokenID
TransactionGUID
TokenValue
TotalCharge
TransactionDate
CustomerID
TransactionTypeID
Label
CompanyID
VendorID
PurchaseLimit
AvailableCredit
PONumber
ContactID
CompanyID
BillingAddressID
ShippingAddressID
FirstName
LastName
MiddleInitial
Title
Email
Phone
AltPhone
Fax
LastUpdatedBy
DateCreated
LastModified
IndividualID
CustomerGUID
ContactInfoID
DateCreated
LastUpdatedBy
LastModified
Password
CustomerID
RestoreCount
CycleStartDate
CustomerID
CustomerTypeID
CompanyCustomerI
IndividualCustomerI
UserLicenseKey
CustomerTypeID
Label
UserID
VendorID
UserName
Password
FullName
LoginDate
PermissionLevel
IsUserActive
AddressID
Address1
Address2
City
RegionID
PostalCode
CountryID
DateCreated
SurveyInfoID
ContactID
DateFiled
LicenseID
LogEntryID
LogEntryTypeID
UserID
Date
LogEntryText
TableName
KeyColumn
KeyValue
LogEntryTypeID
Label
RegionID
AliasID
CountryID
Label
CountryID
AliasID
Label
FieldID
SurveyInfoID
FieldType
NumData
CharData
TextData
FieldName

Fig. 6